

RECEIVED  
CENTRAL FAX CENTER

SEP 12 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Alex Nugent      **EXAMINER:** Michael J. Caldwell  
**SERIAL NO.:** 10/748,546      **GROUP:** 2129  
**FILED:** 12/30/2003      **ATTY DKT NO.:** 1000-1215  
**TITLE:** PHYSICAL NEURAL NETWORK LIQUID STATE MACHINE  
 UTILIZING NANOTECHNOLOGY

CERTIFICATE OF TRANSMISSION BY FACSIMILE

**Please forward all correspondence to:**  
 ORTIZ & LOPEZ, PLLC  
 Patent Attorneys  
 P.O. Box 4484  
 Albuquerque, NM 87196-4484

*I hereby certify that this correspondence is  
 being transmitted to the Commissioner for  
 Patents, P.O. Box 1450, Alexandria, VA  
 22313-1450 by facsimile transmission  
 to the following fax number (571) 273-8300  
 on September 12, 2006.*

*Kermit Lopez*  
 Kermit Lopez

Mail Stop RCE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**AMENDMENTS, REPLY TO FINAL OFFICE ACTION**  
**AND**  
**REQUEST FOR CONTINUED EXAMINATION (RCE)**  
**UNDER 37 C.F.R. § 1.114**

Dear Sir:

In response to the Final Office Action dated August 18, 2006 in the above captioned matter, please enter the following amendments and remarks:

Amendments to claims begin on Page 2 of this Paper.

Amendments to the specification begin on Page 9 of this paper

Remarks begin on Page 10 of this Paper.

A Request for Continued Examination (RCE) is submitted herewith including the appropriate RCE Fee.

Page 1 of 12  
 SERIAL NO. 10/748,546